



Docket No. 826.1335C/WFH

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: application of:

Kensaku IMAI, et al.

Serial No.: 09/785,269

Group Art Unit: 1631

Confirmation No. 2896

Filed: February 20, 2001

Examiner:

For: METHOD AND APPARATUS FOR AUTOMATICALLY REMOVING VECTOR UNIT IN
DNA BASE SEQUENCE

SECOND PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Before examination of the above-identified application, please amend the application as
follows:

I. AMENDMENTS

A. In the Claims (37 C.F.R. §1.121(c)(1)(i))

Please **CANCEL** claim 49.

Claims 45-48 and 50-63 have been re-numbered and amended as follows:

23. (AS ONCE AMENDED) A method for manipulating base sequence data of a
vector, comprising:

storing data identifying each of restriction enzymes and data of base
sequences at a plurality of restriction enzyme sites of a plurality of vectors correspondingly, in a
database;

searching base sequence data of a recombinant DNA obtained by splicing
an object DNA fragment into a vector;

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